[illegible]

1. [illegible]3-3[illegible]8.1

2. [illegible]

[illegible]

[illegible]3-1+3-2[illegible]

1

[illegible]

1. [illegible].

2. [illegible].

3. [illegible] p [illegible] V [illegible] p [illegible] [illegible].

$$\frac{1}{V}$$

(1) [illegible] C [illegible] D [illegible] ρ [illegible] g [illegible]

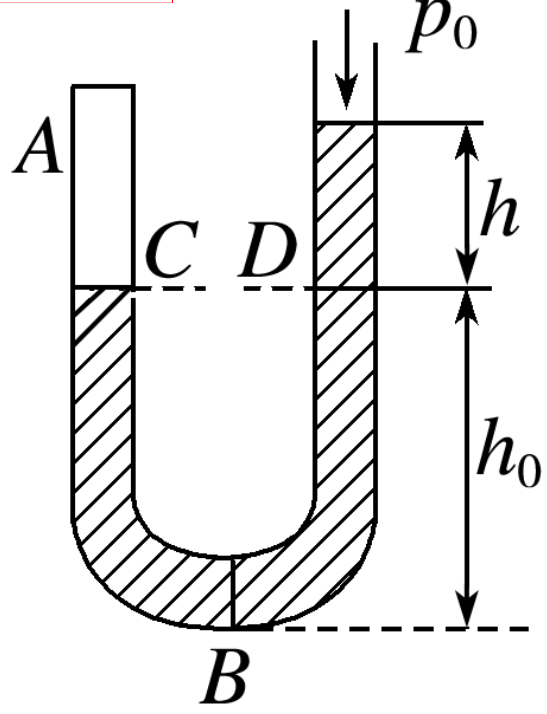
[illegible] A [illegible].

[illegible] $P_C=P_D$

[illegible] C [illegible] $P_A=P_C=P_D$

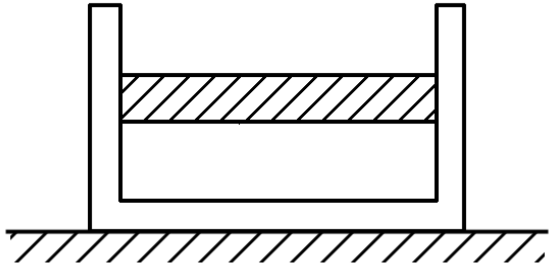
[illegible] D [illegible] $P_D=p_0$ [illegible] ρgh

[illegible]



(2) [illegible] S [illegible] m [illegible]

[illegible] p_0 [illegible] g [illegible].

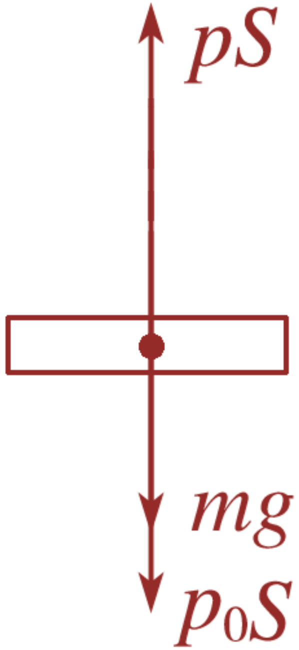


乙

[illegible]

[illegible] mg [illegible] p_0S [illegible] pS

[illegible] p [illegible] p_0 [illegible] $\frac{mg}{S}$.



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1. □□□□□□□□□□□□□

(1) □□□□□

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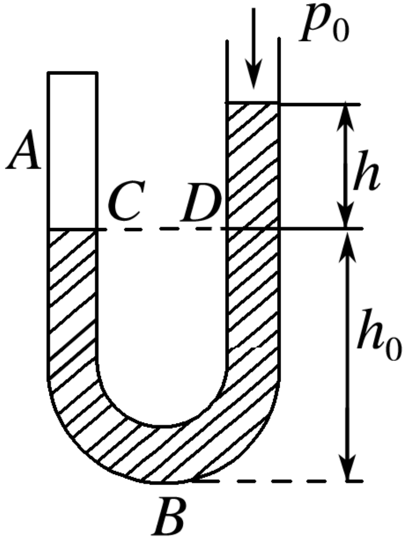
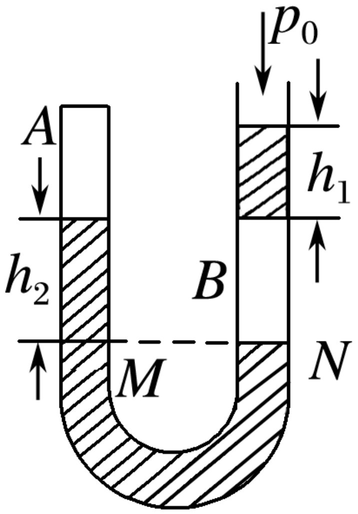
□□□□□□ p_A □ p_0 □ p_h □

□□□□□□ M □ N □□□□□□□□□□□□□ p_B □ p_A □

p_{h2} □□□□□□□□ p_B □ p_0 □ p_{h1}



甲



乙

(2)□□□□

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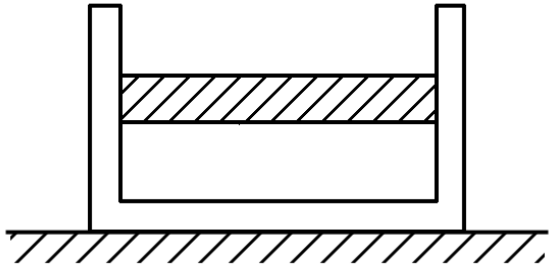
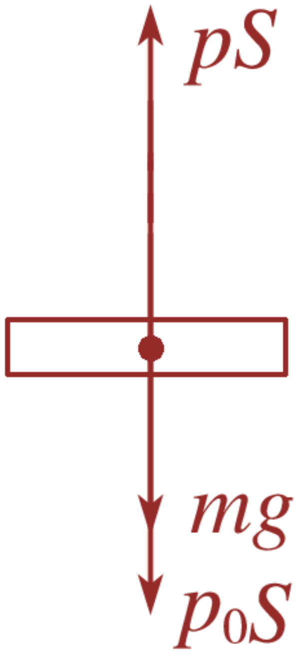


乙



mg □ p_0S □

pS

2. □□□□□□□□□□□□□

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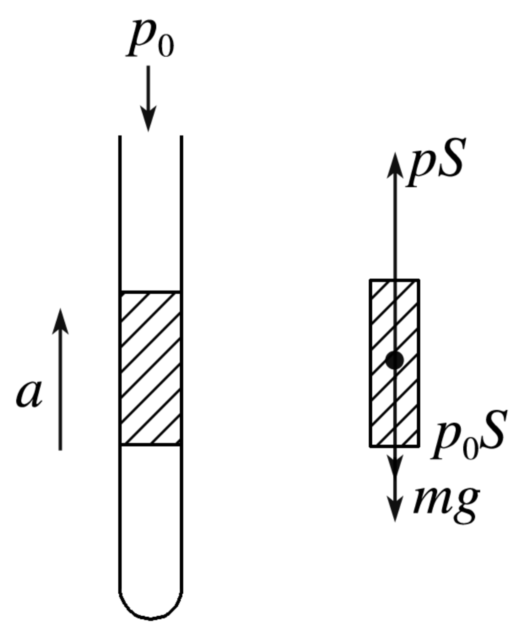
$$pS \square p_0S \square mg \square ma$$

$$\square \quad p \square p_0 \square \frac{m(g \square a)}{S}$$



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B□□□□□□□□□□□.□□□□□a□h_1□10 cm□□□□b□□□□□□□□□□

h_2□5 cm□□□□□□75 cmHg□□□□□A□B□□□□□□□□.

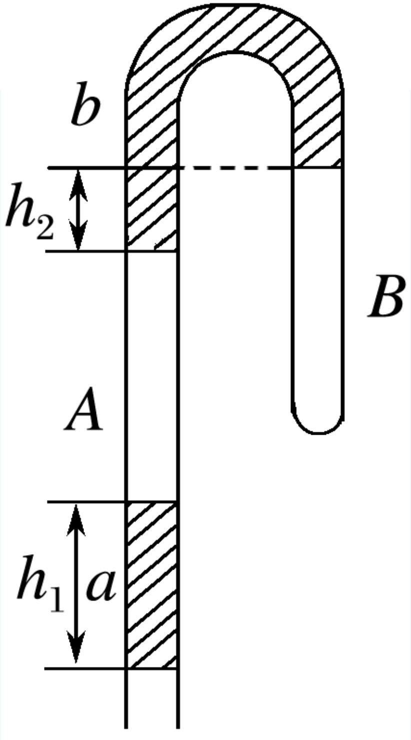
① □ **a** □□□□□□□□□□□□□□□□

$(p_A$ □ $p_{h1})S$ □ p_0S p_A □ p_0 □ p_{h1} □ 65 cmHg

② □ **b** □□□□□□□□□□□□□□□□□

$(p_B$ □ $p_{h2})S$ □ p_AS

□□ p_B □ p_A □ p_{h2} □ 60 cmHg



□□□□□□□

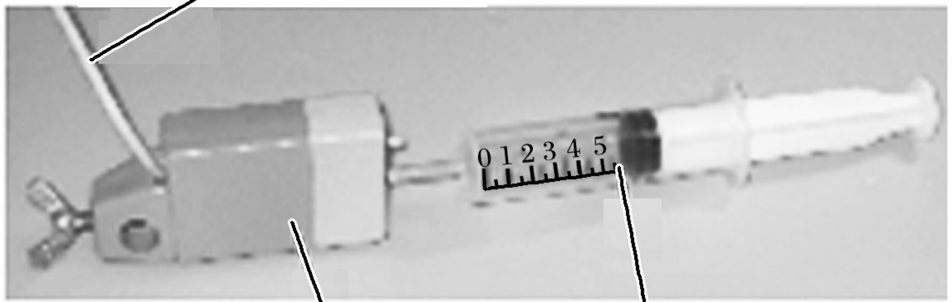
[illegible]

1. [illegible] [illegible]

[illegible].

2. [illegible]

DIS [illegible]([illegible]).



3. [illegible]

(1) [illegible]

(2) [illegible]

[illegible].

[illegible].

[illegible].

4. [illegible]

(1) [illegible].

(2) [illegible] 2 [illegible].

(3) [illegible] ([illegible]) [illegible].

(4) [illegible] 1.5 [illegible] 1 [illegible]… ([illegible] 2.5 [illegible] 3 [illegible]…) [illegible].

5. [illegible]

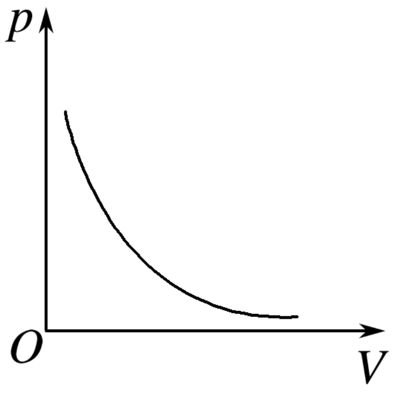
(1) [illegible].

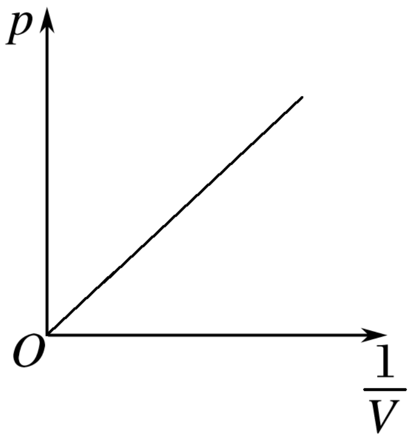
(2) [illegible].

6. □□□□□□□□□

(1) □□□□□□□□□□□□□ ________ ℃ □□□□□□ p_0 □ ________ mmHg.

□□	1	2	3	4	5
□□ p(10^5 Pa)					
□□ V(L)					
$\frac{1}{V}$(L□1)					





(2) □□□□□□□□□□.

□□□ p□ V□□□□ p□ V□□□□□.□□□□□ p□ $\frac{1}{V}$□□□□ p□ $\frac{1}{V}$□□□□□□□□□□□□□□□□□□ p□□□ V□□□□□□□□. □□□□□

7. □□□□□□□□□□□□□□□□□□□ p □□□ V □□□.

□ □□□□□□□□□□□□

(1) □□□□□□□□□□□□□□□

□□□□□□□□□□□□□□.

(2) □ p_1V_1 □ p_2V_2 □□□□□□□□□□□□□□□□□□□□□

□□.□□□□□□□□□□□□□□□□.

(3) □□□□□□□□□ pV□ C □□ C □□□□□□□□□□□□□□

pV□ C □□□□ C □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

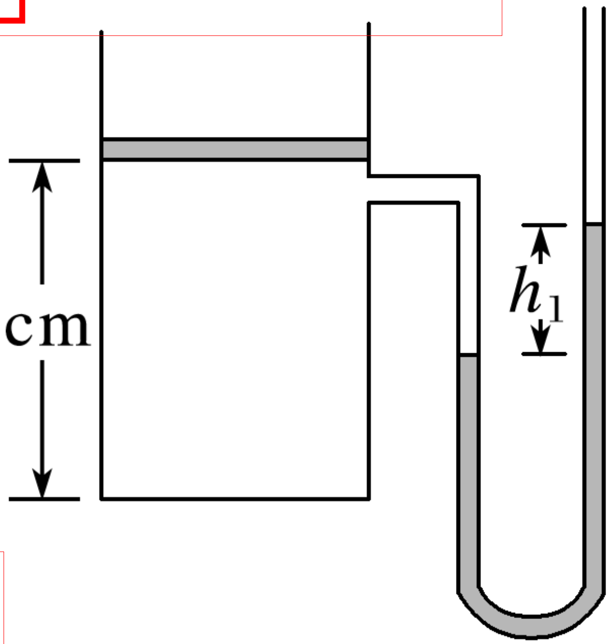
□□□*□□□□□□□□□□*

[illegible] S [illegible] 0.01 m^2 [illegible] U [illegible] H [illegible] 70 cm [illegible] (U [illegible]). [illegible] m [illegible] 6.8 kg [illegible] p_0 [illegible] 1×10^5 Pa [illegible] ρ [illegible] 13.6×10^3 kg/m^3 [illegible] g [illegible] 10 m/s^2.

(1) [illegible] U [illegible] h_1

① [illegible] - [illegible] - [illegible]

(2) [illegible] U [illegible] h_2 [illegible] 5 cm [illegible] ([illegible]).



② [illegible] - [illegible]

[illegible] p [illegible] V [illegible] p [illegible] $\frac{1}{V}$

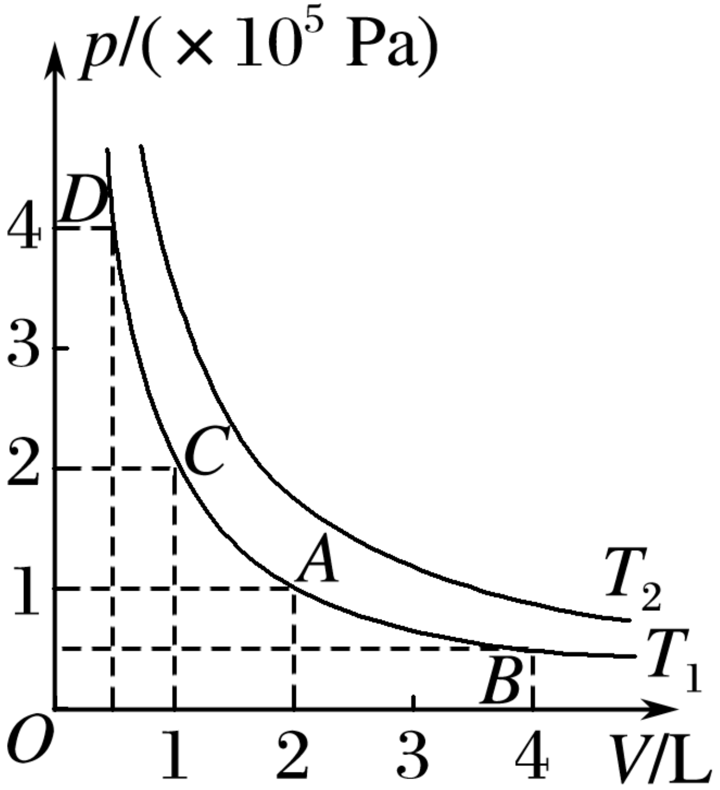
1.p [illegible] V [illegible] [illegible]

[illegible] p [illegible] V [illegible] [illegible]

[illegible] [illegible].

[illegible] p [illegible] V [illegible]. [illegible] pV [illegible]

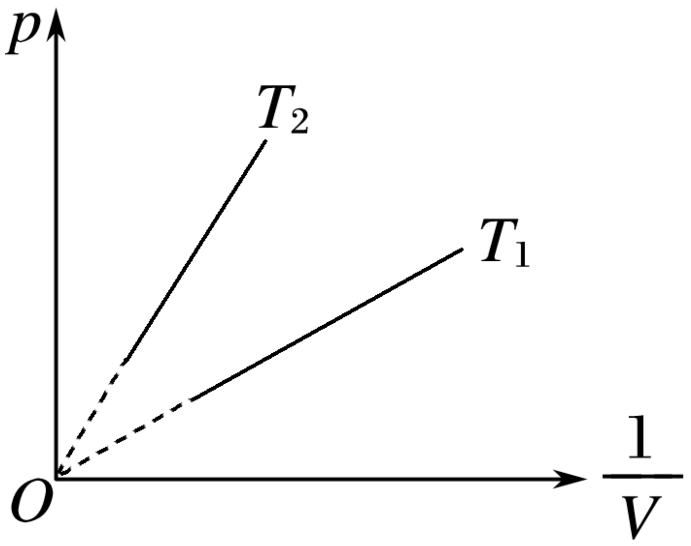
[illegible] T_2 [illegible] T_1



2.p[illegible]$\frac{1}{V}$[illegible]p[illegible]$\frac{1}{V}$

[illegible].[illegible]

[illegible]k[illegible]pV[illegible]T_2[illegible]T_1



[illegible] ([illegible]) [illegible] $D \to A \to B \to C$ [illegible]

[illegible]

√ A. $D \to A$ [illegible]　　[illegible]

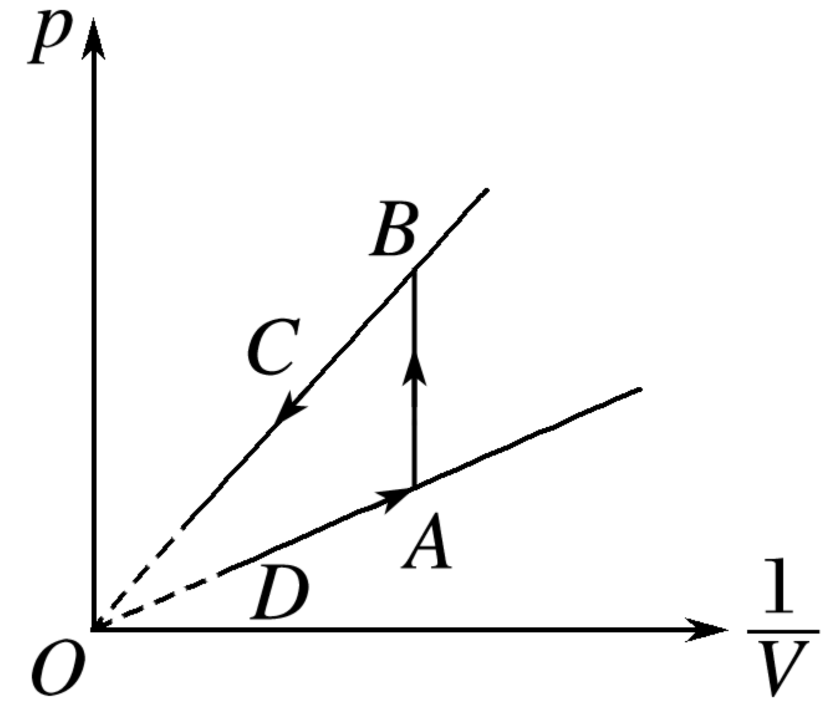
B. $A \to B$ [illegible]　　[illegible]

C. T_A [illegible] T_B　　[illegible] **T** [illegible]

√ D. $B \to C$ [illegible]

[illegible]

[illegible] **V** [illegible] **,P** [illegible]



[illegible] p [illegible] V [illegible] A [illegible]

B [illegible]

A. [illegible]

B. [illegible]

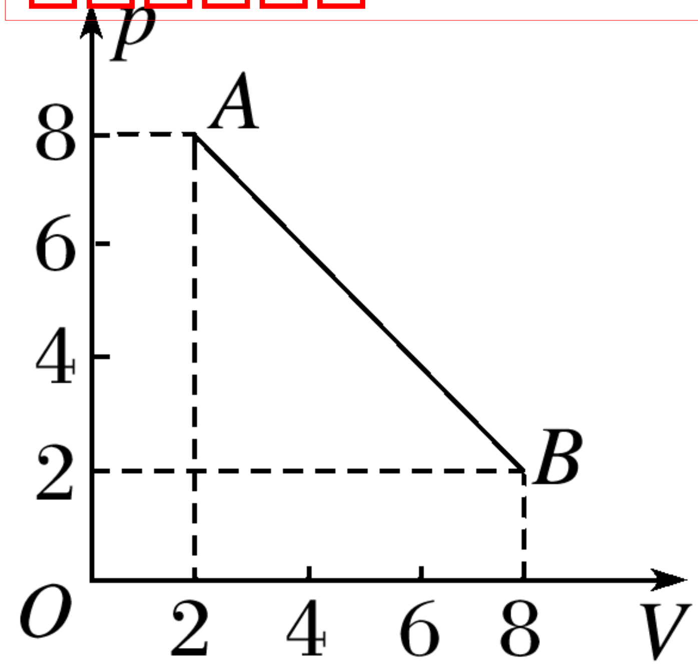
C. [illegible]

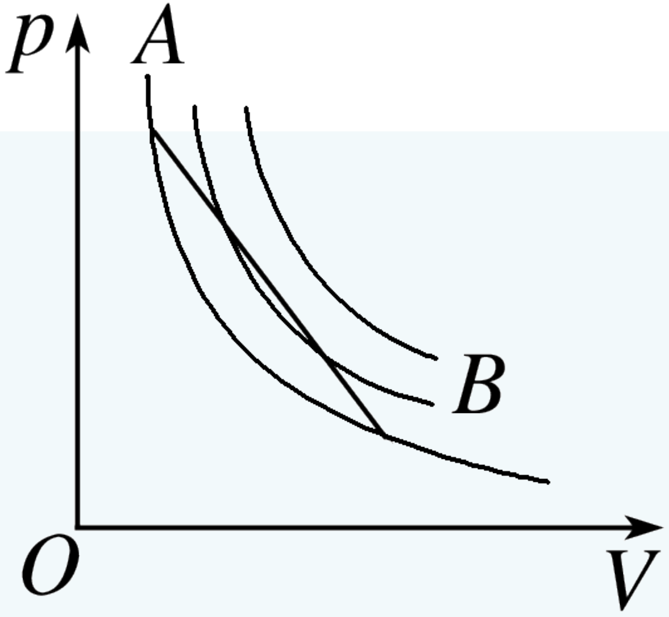
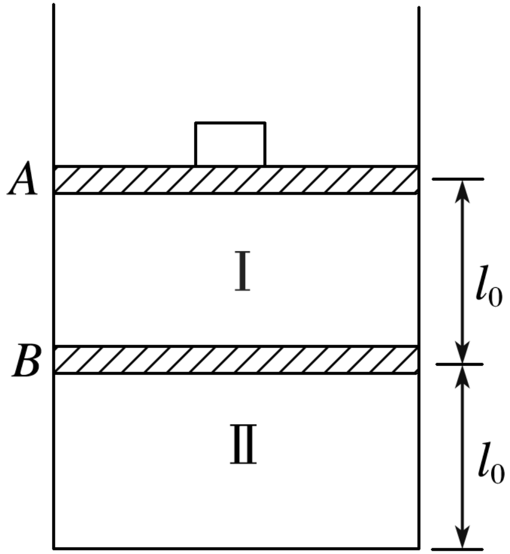
D. [illegible]

√

p_AV_A [illegible] p_BV_B [illegible] A [illegible] B [illegible]

[illegible].





[illegible] m [illegible] S [illegible]
[illegible] A [illegible] B [illegible] Ⅰ [illegible] Ⅱ [illegible]. [illegible] A [illegible] $2m$ [illegible]
[illegible] Ⅰ [illegible] Ⅱ [illegible] l_0. [illegible] p_0 [illegible]
[illegible]
[illegible]. [illegible] A [illegible] $\frac{3mg}{S}$
[illegible] A [illegible].